



# Espacenet

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### High transmittance low emissivity coated articles and methods for making the same

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- US 5942338 (A)
- US 5821001 (A)
- US 6579427 (B1)
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- KR 100215380 (B1)
- more

### Abstract of TW 436529 (B)

Multilayer high transmittance, low emissivity coatings on transparent substrates feature a special antireflective base film of at least two parts on the substrate-near side of a metallic, reflective film. A first of the two parts is in contact with the metallic film. This first film-part has crystalline properties for causing the metallic film to deposit in a low resistivity configuration. The second of the two film-parts supports the first part and is preferably amorphous. Coated articles of the invention also feature, in combination with the above-mentioned base film or independently thereof, a newly discovered, particularly advantageous subrange of thicker primer films for coated glass that can be thermally processed for tempering, heat strengthening, or bending.

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5. Database consulted during search (Keyword): TIPO local and foreign patent databases, USPTO		
Category	Citation of document, with indication of relevant passages	Relevant to claim No.
Y	1. US 5744864 1998/04/28 Figures 2 and 4, and lines 30~60 of column 5	1~9
Y	2. TW 436529 2001/05/28 Last lines 3~4 of page 10 and claims 1, 3 and 4	1~9
Y	3. US 2002/089616A1 2002/07/11 Figure 5	6、9
Special categories of the cited documents:		
X: document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	A: document defining the general state of the art which is not considered to be of particular relevance	O: document referring to public use, sale or exhibition
Y: document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents	D: document mentioned in the specification	P: document published prior to the filing date but later than the priority date claimed
	E: earlier document but published on or after the filing date	L: document cited for other reasons

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